MATERIAL SAFETY DATA SHEET
CHILDERS PRODUCTS CO.

Approved by U.S. Department of Labor "Essentially Similar" to OSHA Form-20

Section I

Manufacturer's Name:
CHILDERS PRODUCTS CO.
2061 HARTEL
BRISTOL, PA. 19007

Emergency Telephone No.
(215-943-7600)

Trade Name:
CP 80 CHIL-STIX FR

Chemical Family:
NEOPRENE CONTACT BOND CEMENT

Section II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	PERCENT	TLV PPM	TLV mg/m³
Acetone	67-64-1	22	750	
Hexane	110-54-3	21	500	
Toluene	108-88-3	20	100	
Titanium Dioxide	13463-67-7	1		15mg/m³
Phosphoric Acid	7664-38-2	0.2		1mg/m³

Section III — PHYSICAL DATA

BOILING POINT (°F):	133 deg. F	**EVAPORATION RATE:**	1.9
SOLUBILITY IN WATER:	Negligible	**VAPOR PRESSURE:**	Not established
SPECIFIC GRAVITY:	0.92	**VAPOR DENSITY:**	Not established
% VOLATILE BY VOLUME:	79		
APPEARANCE AND ODOR:	White sticky liquid - sweet solvent odor.		

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	< 0 deg. F. (TCC Method)	**FLAMMABLE LIMITS:**	Lel - 1.1%; Uel - 12.8%
EXTINGUISHING MEDIA:	CO_2 or dry chemical for small fires. Use "alcohol" type foam for large fires.		

Section V — EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with large amounts of water for at least 15 minutes and seek immediate medical attention.

SKIN CONTACT: Wash thoroughly with soap and large quantities of water and seek medical attention if irritation from contact persists.

INHALATION: If breathing difficulties, dizziness, or lightheadedness occur when working in areas with high vapor concentrations, victim should seek air free of vapors. If victim experiences continued breathing difficulties, administer oxygen until medical assistance can be rendered. If breathing stops, begin artificial respiration and seek immediate medical attention.

INGESTION: If this product is swallowed, **DO NOT** induce vomiting. Seek immediate medical advice and/or attention.

C.E.P. Office Dee Granville
Mechanical - Bentley Carrot

Section VI — PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

ACUTE OVEREXPOSURE:	Vapor irritates eyes, nose and throat. Liquid may cause eye injury. Breathing vapors can produce headaches, dizziness, nausea, and possibly coma and death.
CHRONIC OVEREXPOSURE:	Prolonged or repeated liquid contact will dry and defat the skin leading to irritation and dermatitis. Anemia, Leucopenia and enlarged liver and peripheral polyneuropathy (a progressive disorder of the nervous system) have been observed in individuals exposed repeatedly to high vapor concentration.
EYE EFFECTS:	This product is an irritant to the eye. May cause eye injury.
SKIN EFFECTS:	This product will dry and defat the skin leading to irritation and dermatitis upon prolonged and repeated contact.
SYSTEMIC EFFECTS:	Respiratory tract irritation - Central nervous system depression - Absorption through the intact skin - Narcosis - Weakening and numbness in the extremities - Peripheral polyneuropathy (progressive disorder of the nervous system) - Liver damage - Anemia - Leucopenia - Nausea and vomiting.

Section VII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	The use of respiratory protection depends on the vapor concentration above the time-weighted (TLV); NIOSH approved organic vapor respirator up to 1000 ppm, organic vapor canister up to 2% self-contained or supplied air apparatus are recommended for higher concentrations.
VENTILATION:	General mechanical ventilation (must be explosion proof equipment) is mandatory for all except enclosed operations. Face velocity should be greater than 60 fpm in confined areas. If general ventilation proves inadequate to maintain safe vapor concentration other environmental containment devices should be used.
PROTECTIVE GLOVES:	The use of impermeable gloves is advised to prevent skin irritation in sensitive individuals.
EYE PROTECTION:	Safety glasses, chemical goggles and/or face shields are recommended to safeguard against potential eye contact, irritation or injury.
OTHER PROTECTIVE EQUIPMENT:	Impermeable aprons are advised when working with this product. The availability of eye washes and safety showers in work areas is recommended.

Section VIII — REACTIVITY DATA

STABILITY:	Stable	HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBILITY: (Materials to avoid)	This product is incompatible with strong oxidizing agents, strong acids and bases, and selected amines.		
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.		

Section IX — SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF RELEASE OR SPILL:	Keep sources of ignition and hot metal surfaces isolated from the spill. Avoid breathing vapors. Ventilate confined areas. Scrape material into suitable containers. Keep product out of sewers, water-courses and low areas. Advise authorities if product has entered sewers, water-courses or low areas.
WASTE DISPOSAL METHODS:	Incinerate product at government approved sites.

Section X — STORAGE AND SPECIAL PRECAUTIONS

DOT FLAMMABILITY CLASSIFICATION:	Flammable
EXTINGUISHING MEDIA:	Use foam, CO_2 or dry chemical fire fighting appartus.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Keep work areas free of hot metal surfaces and other sources of ignition.
SPECIAL FIRE FIGHTING PROCEDURES:	The use of self-contained breathing apparatus is recommended for fire fighters. Water may be helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling purposes. Keep product out of sewers, water-courses and low areas. Advise authorities if this occurs.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Keep containers closed when not in use. **DO NOT** handle or store near flame, heat or strong oxidants. Adequate ventilation is required. Containers of this material may be hazardous when emptied. Emptied containers retain product residues. Dispose of accordingly.
OTHER PRECAUTIONS:	All handling equipment should be electrically grounded.

Section XI — DOCUMENTARY INFORMATION

ISSUE DATE:	June 10, 1985	PREPARED BY:	Robert Andrews, Chief Chemist